

10007258 443007 917

ESTANE HYDROLYTIC STABILITY TESTING

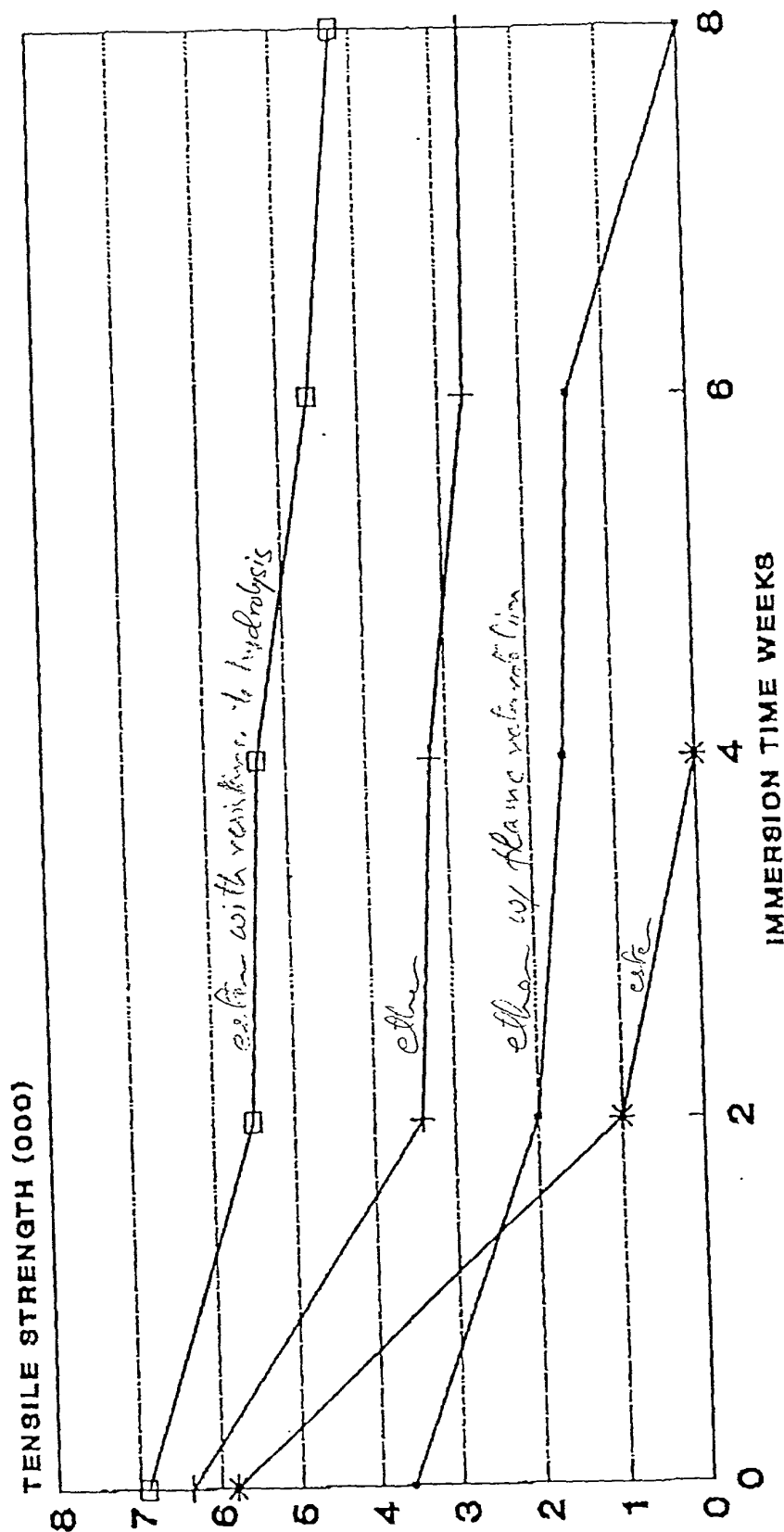
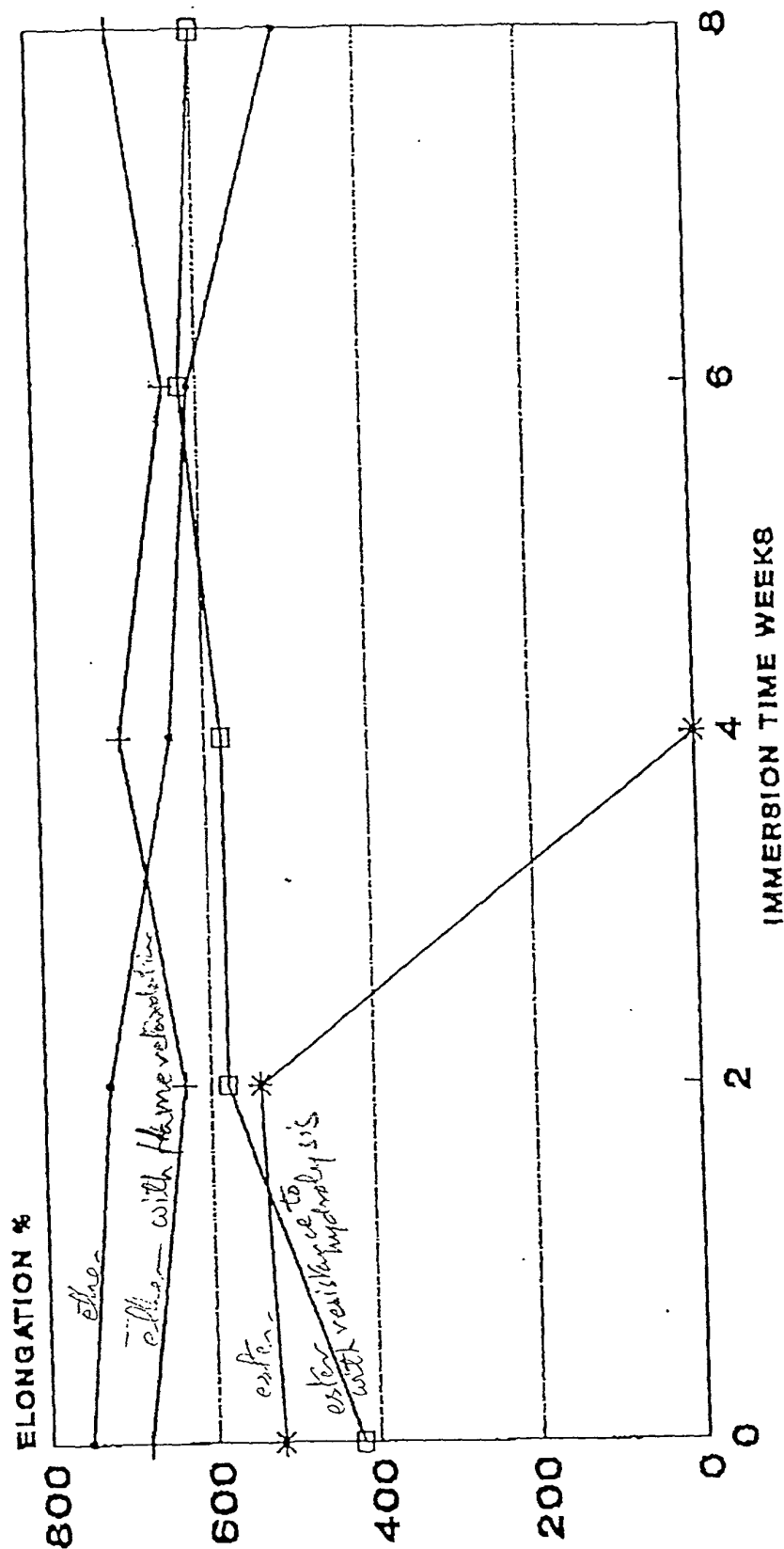


FIG 2

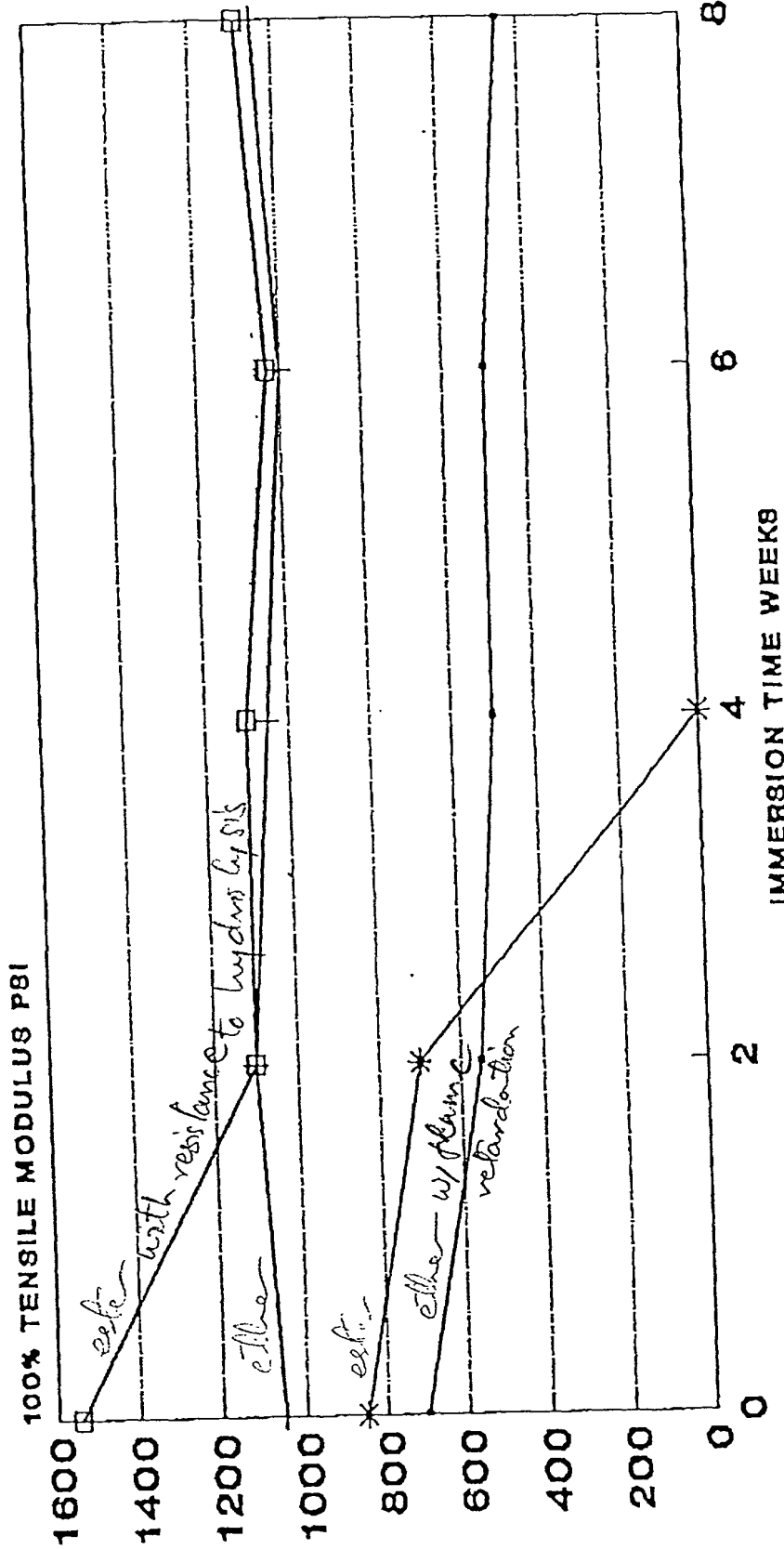
ESTANE HYDROLYTIC STABILITY TESTING ELONGATION



—•— 58370 —+— 58863 —*— 58271 —□— 58223
other

FIGURE 582T0001

ESTANE HYDROLYTIC STABILITY TESTING 100% TENSILE MODULUS



58370 — 58863 — 58271 — 58223

ARRHENIUS PLOT OF HYDROLYTIC
STABILITY FOR ESTANE®5701
POLYESTER RESIN

FIG 4

Tensile Strength at Life, Days

10000

1000

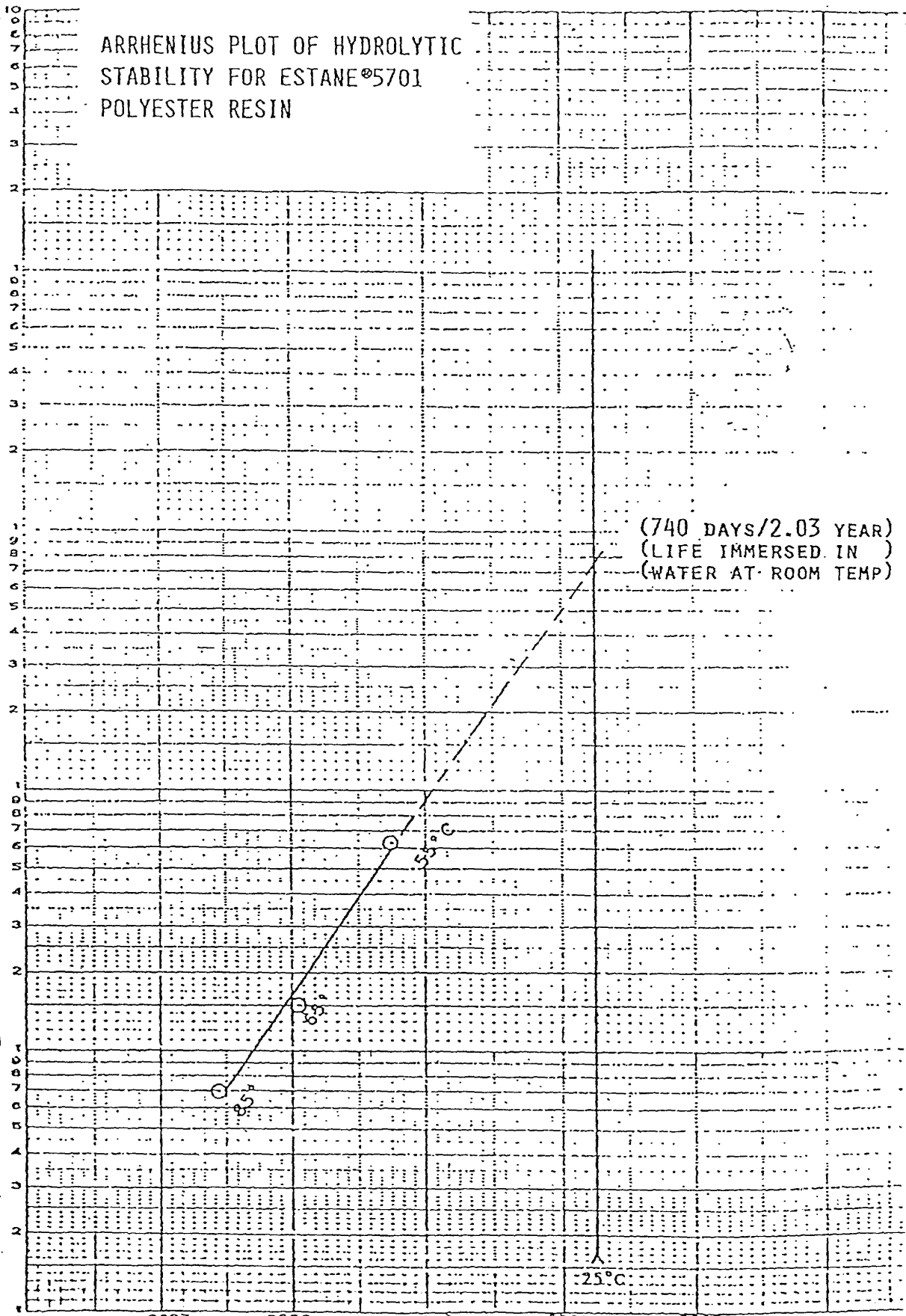
100

10

(740 DAYS/2.03 YEAR)
(LIFE IMMersed IN)
(WATER AT ROOM TEMP)

RECIPROCAL OF ABSOLUTE TEMP. 10°K

25°C



007

100

(9700 DAYS/26.6 YEAR)
(LIFE IMMersed IN -)
(WATER AT ROOM TEMP.)

various $\frac{1}{2}$ way to half life (days)

100

519.10

6.

-25°C

RECIPROCAL OF
ABSOLUTE TEMP. 1

FIG. 6

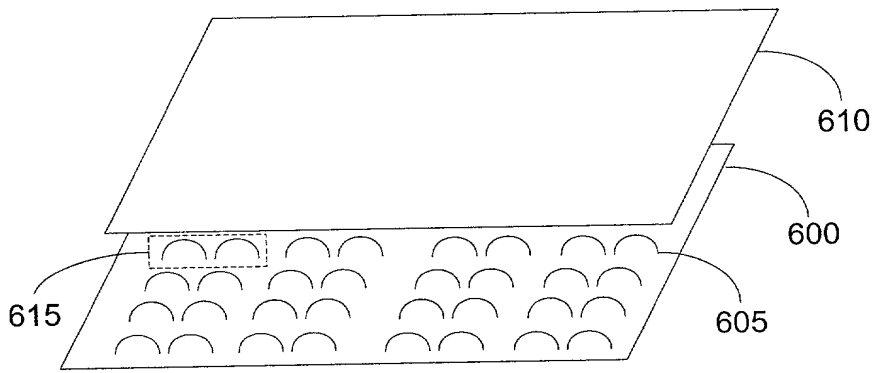


FIGURE 6

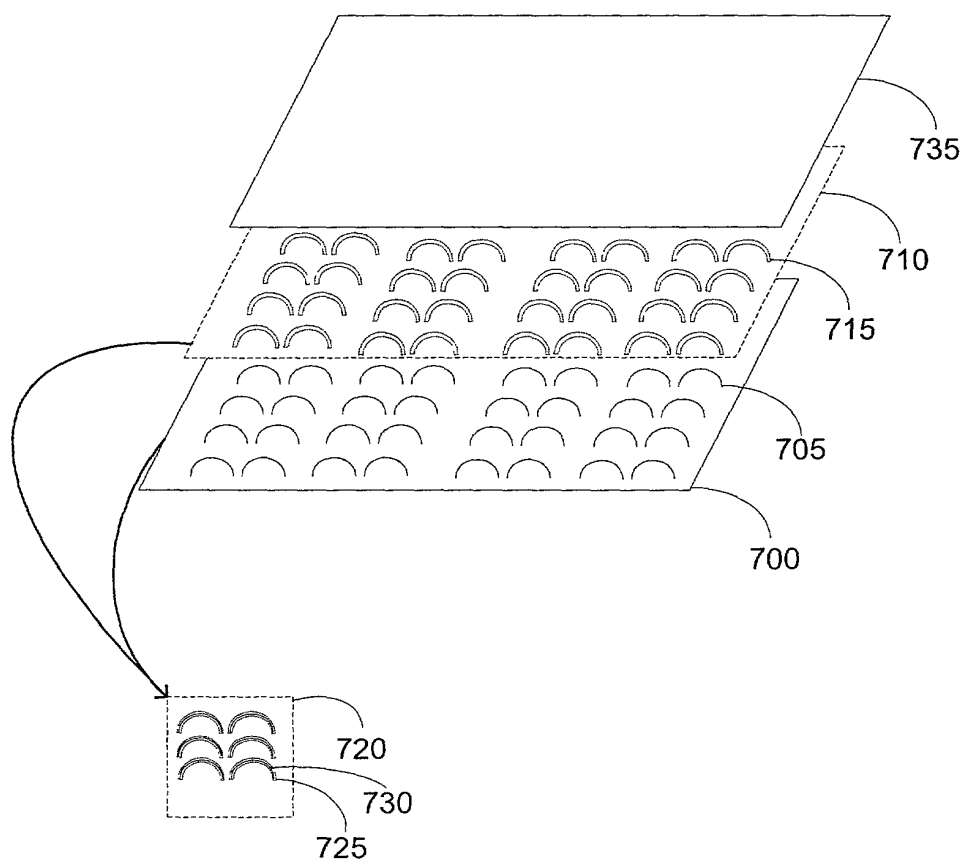


FIGURE 7

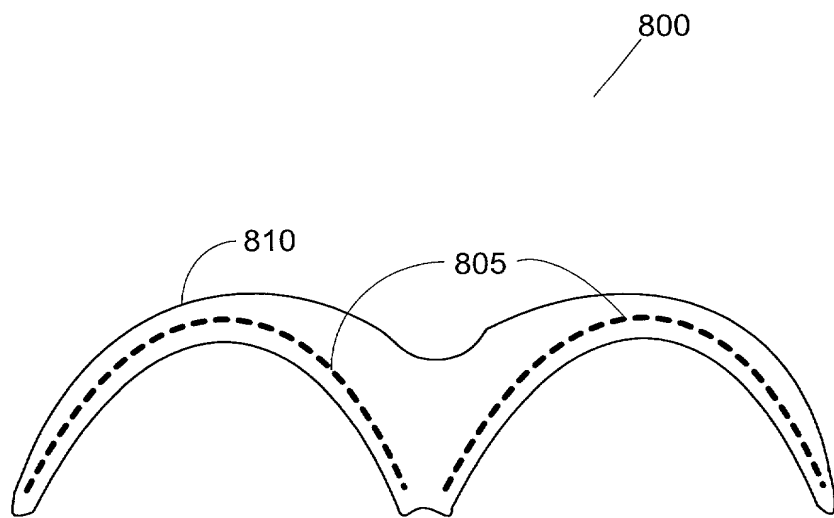


FIGURE 8

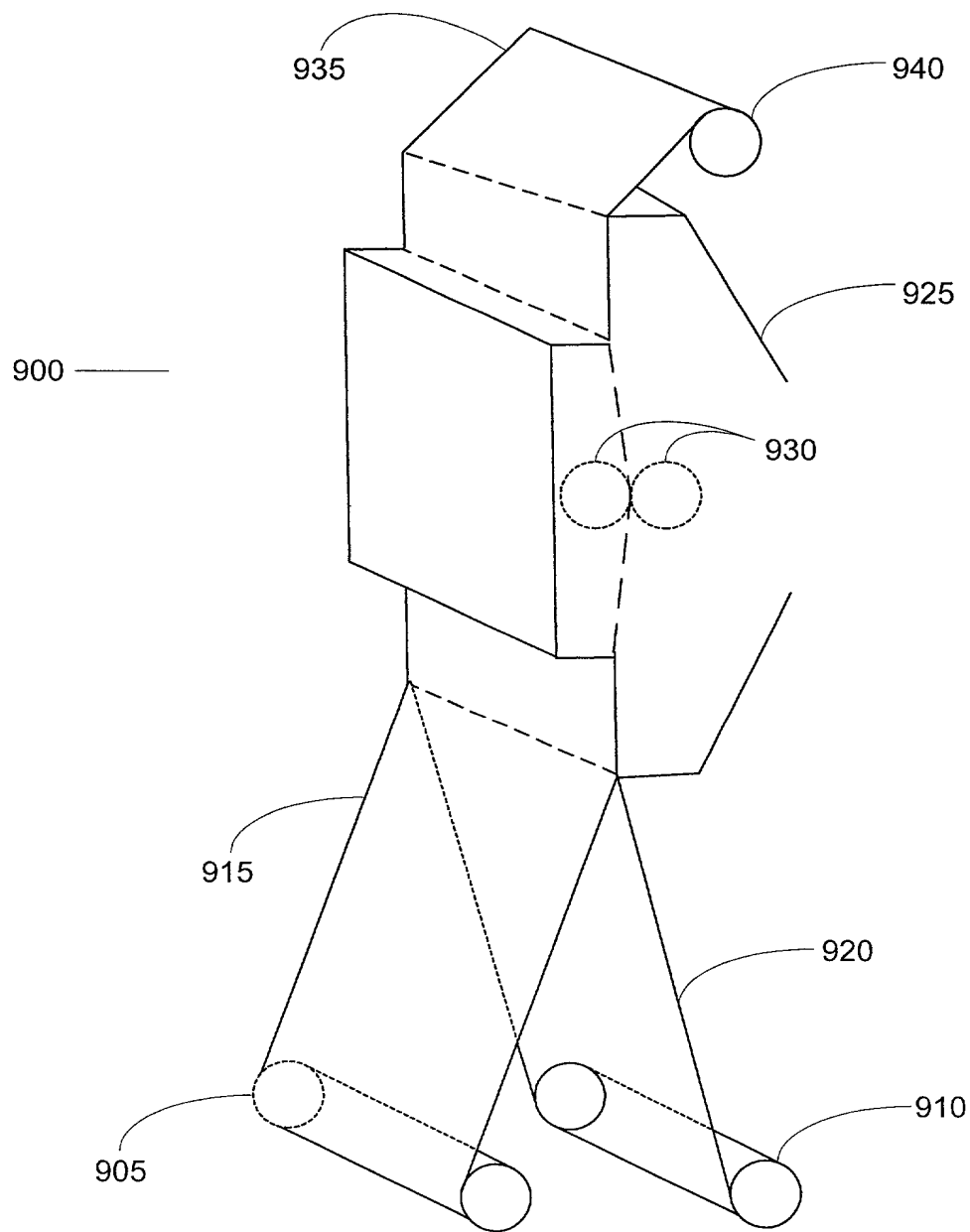


FIGURE 9

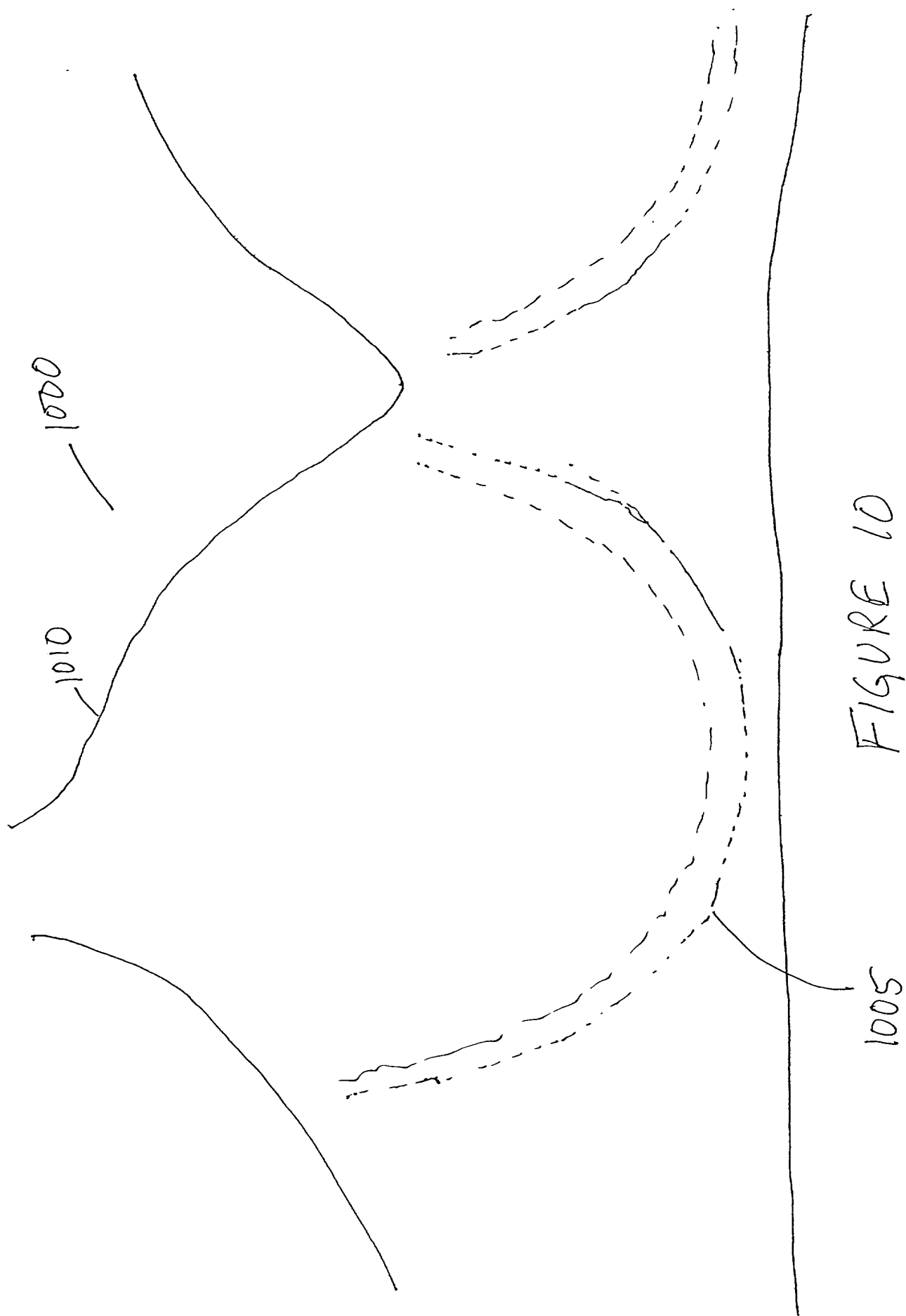


FIG. 11

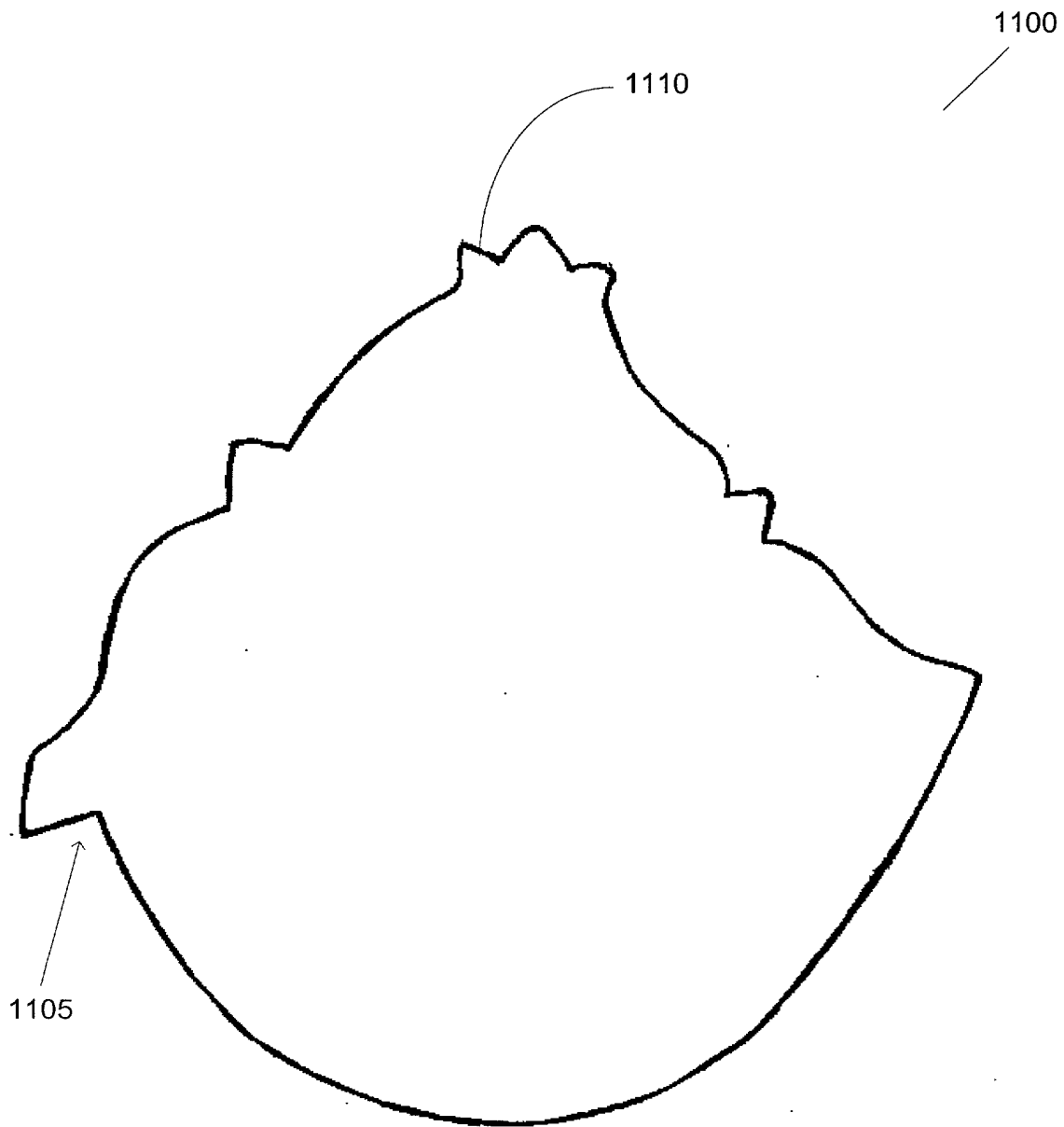


FIGURE 11

FIG. 12

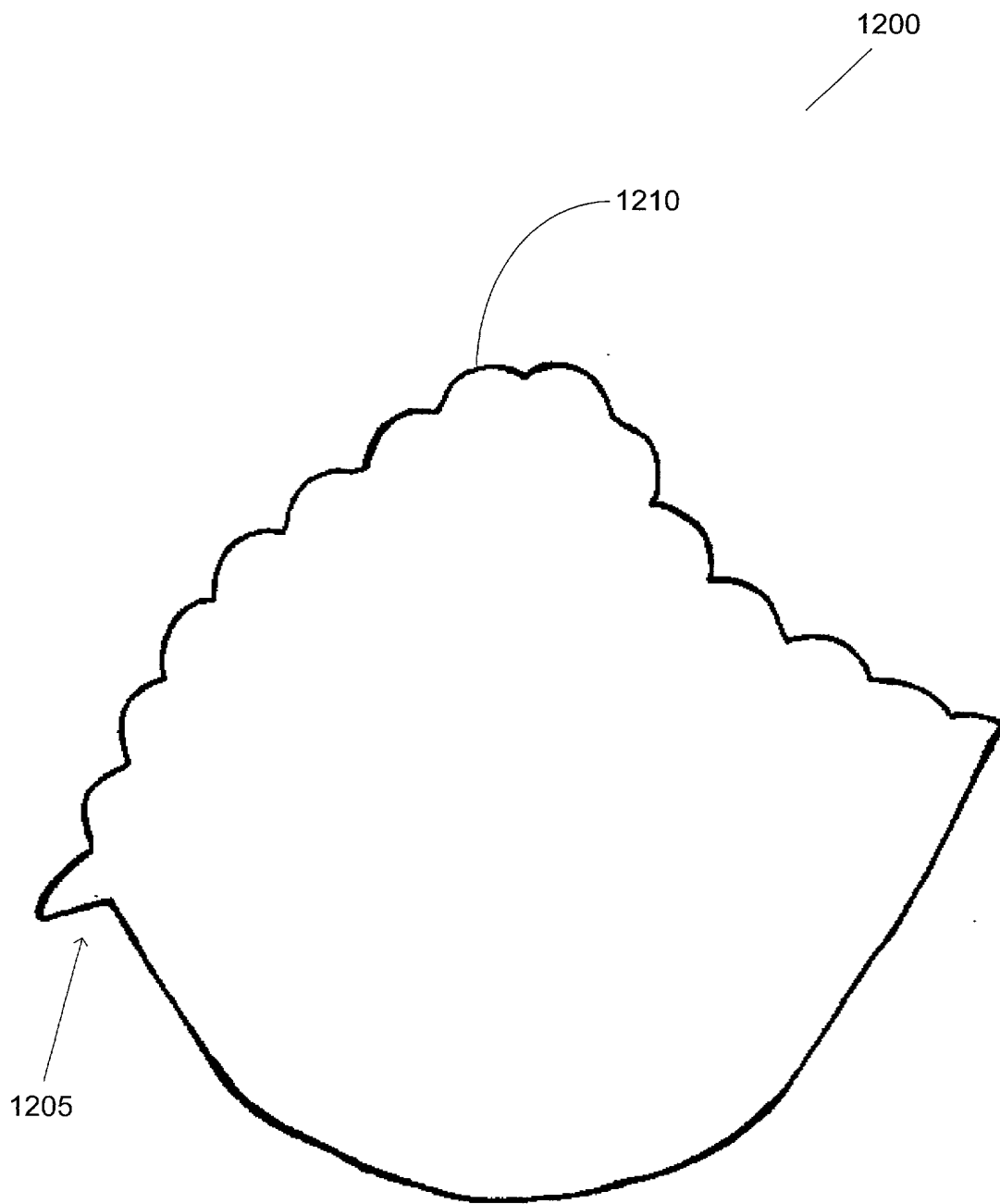


FIGURE 12

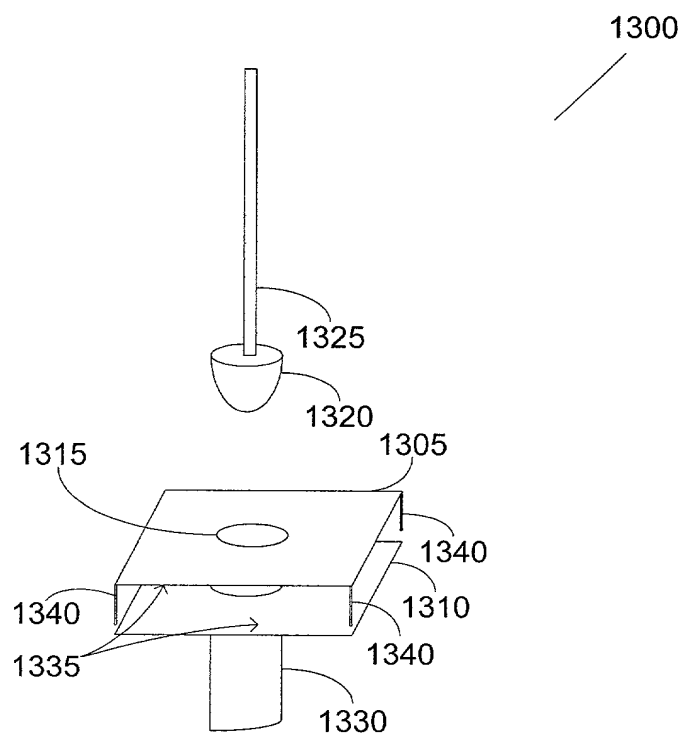


FIGURE 13

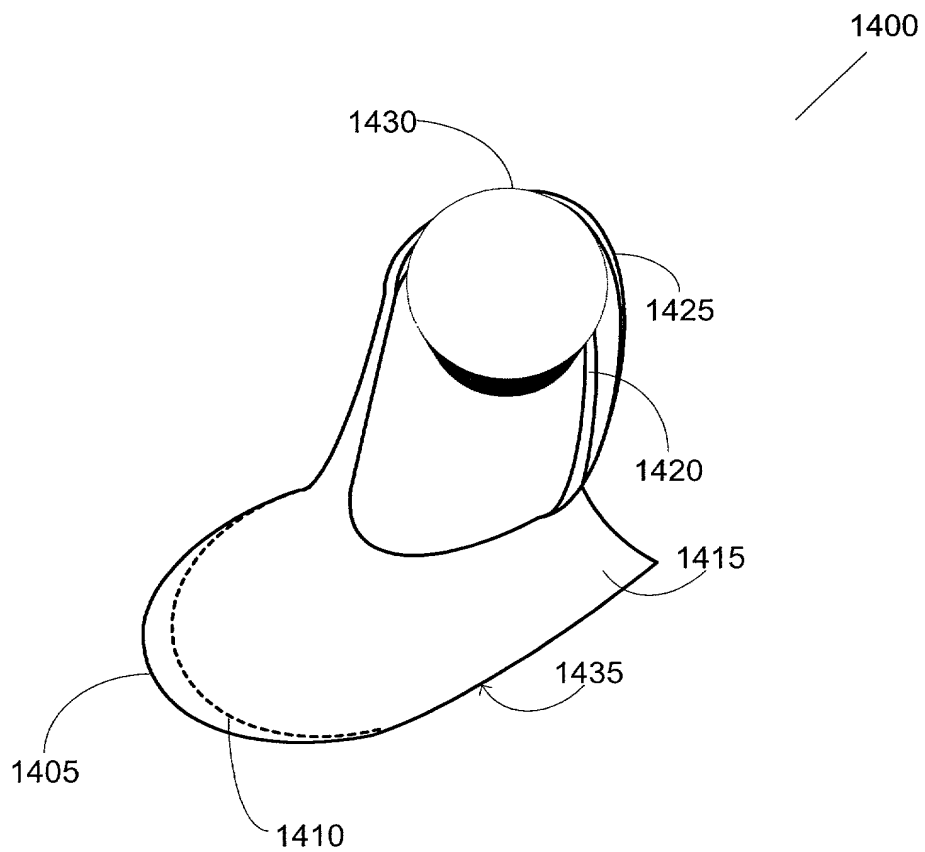


FIGURE 14